

OBJECTIVE

Nothing gets me more excited than hearing news on the newest innovations in software and technological development. Ever since I discovered the wonders of programming in a Java course back in High school, I've developed a passion that motivates me to learn and take part in software development. It is this passion that has led me to learn new programming languages, experiment in various areas of development, and associate myself with those with similar passions. I want to work with a company that deals in the development new technologies and advance my skills as a developer while also having a hand in developing the innovations of tomorrow.

WORK EXPERIENCE

Kindred Healthcare Inc.

Louisville, KY

Intern/Part-time (Software Developer)

January 2014-present

- Worked with a team of Developers to maintain and improve the company's Electronic Medical Record system called ProTouch(proprietary language)
- Used Java experience to refactor old code(Java)
- Worked on production code
 - In charge of adding features to the ProTouch Monitoring Tool (used to monitor sites running Protouch.(C#, .Net, git)
 - In charge of improving the Vem web service (Asp,Html,Css)
- Participated in weekly meetings where future improvements for ProTouch were discussed
- Employed data management skills to maintain the company's SQL servers(SQL)
- Enhanced knowledge of programming practices
- Provided solutions and fixed bugs that occurred
 - Update SQL stored procedure that was causing a error
 - Found inaccuracies in Protouch Database

LEADERSHIP EXPERIENCE

National Youth Leadership Training Staff

Tunnel Mill, IN

Assistant course leader

June 2012/July2012

- Oversaw the planning of the NYLT course
- Taught staff members how to be effective communicators
- Planned out presentations
- Took part in solving problems and conflict that arouse during the course

APPLIED EXPERIENCE

Work projects: Refactored existing Java applications that populated the ProTouch Database, cleaned up the underlying logic and added functionality.
Redesigned the settings menu of the ProTouch application making it more user friendly.
Provided input on the Android implementation of ProTouch
Added features to the ProTouch Monitoring Tool to make daily processes more efficient
Currently updating the code to a windows service used to update the status of Protouch nodes.
Implementing an Android version of Protouch.
Used Neo4j graph database to create a visual representation of the pathways used in Protouch.

Course Projects: Worked with a team to research and make a presentation on the effects of Computer Algebra systems in the classroom.
Designed a phonebook program in C++ that allows for the input and output of files.

Independent Projects: Game development: Preparing a python course to introduce game development concepts to incoming ACM members
 Mobile development: Currently learning the ways of mobile development for both the iOS and Android platforms.
 Linux: Learning to work in the Arch Linux environment
 Cyber Defense: Learning about cyber security and participating in cyber security competitions.
 Hackathons: <http://challengepost.com/sako9>

Guest Speaker: Was requested to speak about computer programming at the WISE Expo to explain the basic concepts of computer programming and show some programs.

Eagle Project: Planned out and led the building of picnic tables for Bernheim Arboretum and Research Forest.

SKILLS/

Technical Skills/Relevant Coursework

COURSEWORK

- C Programming
- C++ Programming
- C#
- Java
- Python
- Linux
- Unix
- SQL
- Javascript
- HTML/CSS
- Lua
- Discrete Mathematics
- Data Structures

ACTIVITIES & HONORS

- Vice President, Association for Computing Machinery (ACM)
- Member, Student Linux User Group (SLUG)
- Member, Cyber Defense
- Presenter, Game Development
- Secretary, National Society for Black Engineers (NSBE)
- Member, Women in Science and Engineering (WISE)
- Member, Venture Scouting of America
- Eagle Scout
- Best Mobile Hack, Revolution Hackathon
- Best use of Raspberry pi, Hack the Home Hackathon
- Porter Scholar

EDUCATION

Bachelor of Science in Computer Engineering/Computer Science	Expected May 2016
Bachelor of Science in Electrical and Computer Engineering	Expected May 2016
Master of Engineering in Computer Engineering/Computer Science	Expected May 2017
Master of Engineering in Electrical and Computer Engineering	Expected May 2017
<i>J.B. Speed School of Engineering, UofL, Louisville, KY</i>	GPA 3.23/4.0